

# 2 BULTET

NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12

Volume 3, No. 26

OAK RIDGE, TENNESSEE

Tuesday, July 5, 1949

# Savers May Buy Series E Bonds; 95.3 Pct. Enroll

Following the distribution of Fifth Carbide Savings Plan checks to a large percentage of Y-12 employees last Friday, it was learned that 95.3 per cent of the eligible employees in the plant had enrolled in the Sixth Carbide Savings Plan that started in operation July 1.

It is pointed out that participants in the savings plan may, if they wish, designate that their authorized deductions be invested in United States Savings Bonds, Series E. The Company offers this opportunity to employees to put all opportunity to employees to put all or part of their deducted savings into the federal bonds, which will be registered and are non-transferable.

#### Forms Available This Week

Employees in Y-12 who wish to purchase the United States Series E bonds will be able this week to obtain Forms SPB-1 for such designation of deductions from time-keepers in the plant or at the office of the paymaster in Bldg..

Bonds so purchased under the Carbide Savings Plan will be held until termination of the present savings plan until its termination July 1, 1951 or until the purchasing employee ceases to be a participant in the savings plan. Requests for bonds so purchased before termination of the savings plan will be considered as withdrawal

from the plan.

The regular Company payments of from 10 to 30 per cent on amounts deducted for participaamounts deducted for participation in the savings plan, depending on length of Company service of the employee, will be made. However, the two per cent interest compounded annually on employees' contributions to the savings plan, will not be made to bond purchasers.

#### \$3,594,593.99 Is Distributed

Carbide and Carbon Chemicals Carbide and Carbon Chemicals Corporation employees in all three Oak Ridge facilities were the hap-py recipients of the checks from the Fifth Carbide Savings Plan last Friday. A total of \$3,594,-593.99 was distributed to 6,786 participants in the three installa-tions. This represented \$14 per tions. This represented 81.4 per cent of the employees on the Oak Ridge Carbide payroll. The average check was for \$530.

#### SICKNESS FIGURES GIVEN

The Metropolitan Life Insurance Co. estimates that on the average one out of 10 employees in industry is sick or disabled for at least one week each year and for an average



THE CAUSE OF THE COMMOTION AMONG AMATEUR AGRICULTURISTS AROUND Y-12 last week is shown here. R. L. Sampsel, Dept. A14N,, looks puzzled—and is—over the apparent small tomatoes growing on a potato vine. However, they are potatos, right on, so say the experts.

# Nine Departments Report 'All Present'

Employees in nine Y-12 departments established perfect attendance marks for the week ending June 26, setting a new plant record since the present system of rating attendance and classifying depart-ments was established. This fine attendance record brought the plant-wide mark for the week down to 1.9 per cent from the previous week's record of 2.4 per cent, a reduction of .5 per cent. Only two departments report no absences the previous week.

The plant-wide absentee mark of 1.9 per cent is just .1 per cent more than the low record of 1.8 per cent set for the week ending May 22 and continued for four straight weeks.

Dept. A14N Holds Top One of the departments with a perfect attendance mark for the week ending June 22 was Dept. A14N, Electrical Equipment Repair and Maintenance, in the Maior League Being on ton in at pair and Maintenance, in the Major League. Being on top in at-tendance is no novelty for this department, as it now has been in first place seven times in the past

(Continued On Page 2)

### ·Potato?--Tomato?--'Pomato?'-

# Y-12 Man Thought He Had Freak Cross But Plant Just Plain Spud Right On

Employees in Y-12-particularly those interested in agricultural pursuits either on a professional or plain amateur basis—were tossed into somewhat of a tizzy last week when R. L. Sampsel, Dept. A14N, showed up with a peculiar looking sort of a plant and a puzzled expression. Was it a "what'sit" or something else—that's what he wanted to know and his seeking of in—

formation brought comments from one end of Y-12 to the other.

The plant brought in by Sampsel was an ordinary potato plant-but on the above ground portion of the specimen were small pods that looked and smelled like small tomatoes. It grew in the garden of Sampsel's home at Coalfield, six

#### miles from Oliver Springs. Rumors On Plant Fly Fast

Rumors flew faster than in an army embarkation center on sailing dates until some more experienced of the agriculturists got a look at the plant. Sampsel thought possibly it was a cross between a potato and tomato—and first witnesses of the plant pondered on whether to call it a potato, tomato or—perhaps they would coin a new description—
"pomato."

Authorities at the University of Tennessee Department of Agriculture were given a description of the plant and came forward with their explanation of the phenomenon. They declared the tomato-(Continued On Page 2)

#### SAFETY SCOREBOARD

Your Plant Has Operated EIGHT DAYS Without A Lost Time Accident THROUGH JUNE 30

# Dr. Feenberg Will Address Ridge Physics Seminar Meet

Dr. Eugene Feenberg, of Washington University, St. Louis, Mo., will address the regular meeting of the Oak Ridge Physics Seminar at 4 o'clock Friday afternoon, July 8, in the East Lounge of the Ridge Recreation Hall.

Dr. Feenberg's subject will be "Nuclear Shell Models, Part 1" A discussion will be held of the shell model of the nuclear structure and the connection between the model and nuclear spins, quadrupole moments, selection rules and radioactive properties of nuclei.

# Carbide First Aid **Contest Is Set** For September 17

At least 12 first aid teams representing various divisions in Y-12 have begun organization and training this week for the second annual first aid contest sponsored by Carbide and Carbon Chemicals Corporation. The contest will be held Saturday, September 17, at Blankenship Field, the Oak Ridge High School football stadium.

Teams from Y-12, K-25 and the Oak Ridge National Laboratory will participate in the contest and substantial cash prizes will be awarded the top teams. Teams of both men and women will take part in the event with the same applying to each.

#### Y-12 Women Win In 1948

In the 1948 contest, a team of Y-12 women outscored all other teams, both men and women, of all three installations. As a result, Y-12 will be the defending champion in the contest.

In the 1949 contest the team scoring the highest number of points will be awarded the top prize of \$105 in cash. The team in each plant with the highest score will win \$70, the second place team in each plant will earn \$35 and the third place team in each plant will be awarded \$17.50. The top team in the contest also will win a handsome, trophy.

#### Two Hours Training Per Week

Contest rules provide that training for all teams in the 1949 contest begin July 1. Each team will be allowed two hours per week of training time.

The 1948 contest at Diametricup. Field drew 36 teams from the three Carbide installations that staged a close and interesting exhibition. The winning Y-12 women's team scored 1,498 points out of a possible 1,500, nosing out a team representing the K-25 Instrument Desenting the K-25 Instrument Department by one point. A Y-12 Fire Department team was the best men's team in the plant in the contest and also tied with an Oak Ridge National Laboratory group for third place in the contest with 1,494 points.

The contest consists of three problems involving administering of first aid to patients simulating various types of injuries. The Company, as a part of its overall safety training, sponsors a first aid pro gram to promote safety principles Several Y-12 scientists regularly participate in the seminar sessions.

### Color Slide Contest, Exhibition Features Camera Club Program

Color slides will be the theme of at the Taylor's Photo Shop. Club the monthly meeting of the Carbide Camera Club next Tuesday night, July 12, in the organization's head-quarters, Y-12 East Portal building. The session will begin at 7:30 o' clock and President Harry Bain-bridge has sent cards to all members notifying them of the meeting

and urging attendance.

The monthly club contest will be for color slides on the subject of flowers. Entries must be submitted by Friday night, July 8, preceding the contest.

members are urged to note this change for July, as contest entries previously had been left with Nat Stetson, club vice president. Stet-son, however, will be on vacation at the time of the July meeting. In addition to the club contest,

the club has obtained an assort-ment of from 25 to 30 color slides that were prize winners in the 1948 nation-wide contest conducted by the magazine, Camera. These will be shown at the meeting July

For the July contest the entries should be submitted at the home of Bainbridge, 103 Ulena Lane, or bridge.

The judge of the contest will be announced next week by Bain-

# Removal Of Signed Hold-Off Tags From Y-12 Switches Reported

Recently there have been some ports of violations of Y-12 elec-ical hold-off and lock-out Produre No. 73, indicating that some plant personnel other than electrical employees have removed hold-off tags placed on electrical disconnect switches.

The removal of tags is not only a violation of good safety practice rules but also of the plant procedure covering such operations. Every hold-off tag placed on dis-connect switches is signed by the employee placing the tag on the switch and prescribed in Procedure No. 73.

No employee except the one whose name is signed to the holdoff tag should remove the tag under any circumstances except the immediate supervisor available in the department in which the work is being done. All supervisors are urged to become thoroughly acquainted with provisoins of Procedure No. 73 as it applies to their departments and see that employees in their departments understand the regulations.

Compliance with the regulations only this employee is authorized to set out in Procedure No. 73 will remove the tag except in conditions assure greater safety in operation

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### Y-12er Thought He Had Freak; But It Is Spud

(Continued from Page 1) appearing pods on the plant were in reality nothing but potato seed balls but that potato plants bearing such seed balls were quite a rarity. Few See Such A Plant

he fact that put the Sampsel's plant in the class of being somewhat unique, the university au-thorities said, was that only about one out of every 100 farmers ever such a plant and that they naturally become puzzled if they don't know the score.

This peculiar action of the potato

plant, it was explained, is because the potato and tomato are very closely related in the agricultural products family. The eggplant, believe it or not, also is a close first cousin to the potato and tomato.

declared, occasionary results in the formation of the potato seed balls on the top portion of the plant with the balls closely resembling to-matoes—even to smell and inner structure. Although a rare occurence, the authorities continued, the phenomenon can happen at any time and cannot be rated as a "freak" of nature.

Plant Would Resemble Parent

Furthermore, they declared, planting of the potato seed balls would produce a potato plant quite similar to the parent plant. This, t was said, is governed by Mendel's law of inheritance in which it has been shown that predominant characteristics of parent plants prevail in the case of any hybrids.

Y-12ers who are gardeners or farmers all agreed with the university authorities' explanations and while blasting the hopes of more inexperienced folks who thought perhaps a real, new plant admitted Sampsel's entry was quite an interesting curiosity.

Sampsel, in giving a case history of the matter, reported he had planted the potatoes back in February, using Maine seed potatoes. The crop was later frostbitten but finally came up. When the potato plants were in bloom, he recalled, has decided to plant some tomato he decided to plant some tomato vines in the same field. This gave him some belief that in someway the two plants had crossed.

Father Recalled Similar Incident Sampsel then recalled that his father had told him many years ago of a similar case in which the seed balls appeared. The elder Sampsel said, his son declared, that if the balls were planted for three straight years the third year would

produce big potatoes again.

Well, that makes it unanimous, it seems, but if some folks still may be arguing about the "pomato' they might as well quit.



# Y-12 Bulletin Nine Departments Report 'All Present'

(Continued From Page 1) eight weeks. However, this is the

first perfect attendance report turned in by the department. In second place in the Major League is Dept. H12E, Process Development, which held the same position the preceding week. Its absentee percentage was .80 per cent, which was just below the .82 percentage posted by the Guards of Dept. A12G, which repeated in third

Two Other Departments Repeat

The eight other departments with no absences during the week ending the week ending June 29 were all in the Minor League. Dept. M12S, Steam Plant; and Dept. A12T, Automotive Repair, both tied for top with no absences for the week ending June 19, maintained their perfect records to remain in a tie for first place.

for first place.

Joining these two departments with perfect records were Dept. B 1 2 A, Superintendents; D e p t. A 12D, Medical; Dept. A 19N, Laundry; Dept. A 13T, Transportation; Dept. A 13W, Development Engineering; and Dept. A 12R, Cafeteria and Canteens. They advanced from third, fourth, fifth, 11th, 12th, and 13th places held for the week ending June 19.

Others Close To Tay

Others Close To Top

Second place in the Minor League was taken by the firemen of Dept. A14J, with an absentee mark of 8 per cent of its personnel absent. Dept. M12M. Material Control was Dept. M12M. Material Control, was rated third. These departments advanced from sixth and seventh places held the preceding week.

The Y-12 plant absentee mark for the week ending June 26, by

	Percentage	Stan	ding	
Dept.	Absent	6-26-49	6-19-4	
A14N	0.0	1	1	
H12E	0.80	2	2	
A12G	0.82	3	3	
H12L	2.14	4	5	
M12P	2.14	4	6	
A12S	2.46	5	8	
B12L	2.53	6	4	
A20N	2.79	7	6	
H12D	2.82	. 8	9	
A17N	3.1	9	7	
A16N	3.6	10	11	
B13L	3.8	11	10	

MINOR LEAGUE

	15-49	Employees				
		Percentage				
Dept.		Absent	6-26-49	6-19-49		
M12S		0.0	1	1		
A12T		0.0	1	1		
B12A		0.0	1	3		
A12D		0.0	1	4		
A19N		0.0	1	5		
A13T		0.0	1	11		
A13W		0.0	1	12		
A12R		0.0	1	13		
A14J		0.8	2	6		
M12M		0.9	3	7		
A12W		1.2	4	2		
A12A		2.4	5	15		
A13N		2.7	6	10		
A12M		3.0	7	14		
A12N		3.2	8	9		
M15P		3.3	9	8		
	plant a	verage for	the week	ending		
June 2	6 was	1.9 per ce	ent, .5 pe			
lower t	han the	preceding	week.			

### Chess Team Of Y-12 Wins **Cpening Matches From ORNL**

Chess players of Y-12 won their opening engagements of the Oak Ridge Chess League Monday night, June 27, at the Ridge Recreation Hall, defeating the "A" team of the Oak Ridge National Laboratory, three matches to two. Victories for Y-12 were won by Coleman over Stone and Musser over Zullinger. Allen won by a forfeit. ORNL triumphs were won by Owens over Hill and Hutton over Nessle.
Fairchild chess players defeated the ORNL "B" team and K-25 Vacation



THE TRAINING UNION JUNIOR CHOIR OF THE OAK RIDGE FIRST BAPTIST CHURCH, shown above, includes several children of present and former Y-12 employees. The choir participated in a state festival at Nashville last week. Back row, left to right, are Wayne Pearson, Bob Jameson, Bethel Ray Poston, Larry Whittmer, step-son of Dean Reed, of Y12; and Eddie Hodges. In the front row are Jane Ann Williams, Margaret Soard, Arvery Harvey, Sonya Wilde, Barbara Spohr, Catherine Brown, Elizabeth Eakes, daughter of Perry Eakes, of Y-12; Carole Henry, Delois Beckner and Phyllis Doane.

# Strictly Confidential.

after a quiet vacation at her home in Sweetwater . . E. M. Williams took in the sights of the big cities during his vacation last week. He visited in Philadelphia, Washington, D. C., and New York City . . . Sympathy is extended to Cleo Edmonds on the death of his father in Maryville, Tenn, June 27 . . . We also extend sympathy to Roscoe Reid on the death of his sister at Oak Ridge, Mo., June 26.

Dept. A12S extends sympathy to Eva Williams on the death of her sister at Sweetwater, Tenn., June 25...J. A. Duncan is vacationing at his home in Wartburg, Tenn....J. P. Snodgrass is back on the job after a quiet vacation with his family in Oak Ridge. Over the week end he and his family attended a home-coming in Johnson City . . . L. N. "Shorty" Stewart is the proud grandfather of a six pound and eight ounce baby girl, Sandra Kay, born in Philadelphia, Tenn., June 22. Parents of the youngster are Mr. and Mrs. Ray Stewart.

Avo Hammond entertained Doris Moore, both of Dept. A12L, at her home in Jamestown, Tenn.,

at her home in Jamestown, Tenn., over a recent week end.

James D. Chew, Dept. A14J, and his family will entertain his parents from Illinois during his vacation this week . . E. F. Greer is spending a quiet vacation in Knoxville . . . H. E. Argo and his family are visiting in McKenzie, Tenn. . . J. C. Fox is spending his vacation just resting at his home in Oak Ridge . . George Kesterson is visiting in Ohio . . . Capt. W. O. Elam and his family are visiting with relatives in Brent, are visiting with relatives in Brent, Ala., during their vacation. Incidentally the Elams have decided to call their new pet crow "Jim

Helen Ross, Dept. A16J, and her husband, J. P., formerly of Y-12, spent a recent vacation in Portsmouth, Va. While there Helen was bridesmaid in a girl friend's wedding

Vacationers in Dept. A17N are triumphed over the Independents, each by three matches to two.

The league will play matches every Monday night at 8 o'clock at the Ridge Recreation Hall.

Hospital List

The following Y12 employees were patients at the Oak Ridge Hospital recently: Reatha Luce, Dept. B12A; Phyllis M. Brown, Dept. H12D; Allie A. Baer, Dept. M12P; William B. Cottrell, Dept. H12P; Virmon W. Arms, Dept. H12P; Virmon W. Arms, Dept. H12P; Virmon W. Arms, Dept. H12A.

B12H; Willie T. Cale, Dept. A12A.

Vacationers in Dept. A17N are C. G. McQueen, G. Boggs, A. F. Ogden, H. Applin, W. B. Adcox, W. E. Lay and S. V. Evans.

J. H. Shoemaker, Dept. A12G, and his family plan to visit in Harlan, Ky., and Pennington, Va., during their vacation . James Seagle and his family are vacation trip to his home in Long Island, N. Y. . . Alma Shaw and her visiting with relatives in St. Journal of the property of the property of the complex of the com

after a restful vacation.

W. B. Mott and J. A. Williams, Dept A13T, are on the vacation list.

Jeanette Arnold and Margaret
Carter, Dept. M12P, made a weekend trip to Asheville, N. C., and
also took in the sights at Chimney
Reak and Lake Lywe Rock and Lake Lure . . . Mabel Carson, formerly of Y-12, now living in Nashville, visited with her sister, Mae Carson, Dept. M12P, over the holiday week end . . .

Opal Hamilton spent her vacation taking life easy at Cherokee Lake ... W. C. Seymour and his family made a jaunt to the state of Mississippi.

Dept. A14N welcomes Sue Holla day into their midst . . . Harold Hammer made a vacation trip to Alabama . . . A. J. Case spent a restful vacation at his home in Oliver Springs . . Evan Means reports fishing isn't so good these days, at least he hasn't been able to snare anything larger than bream.

Mary Ruth McMurray, Dept. B12L, was on the vacation list last week . . . Margaret Eager plans to make a touring trip to Canada and through the New England states during her vacation . . .

Helen Saylor and her husband visited with relatives in Johnson City over the week end.

C. A. McAlister, Dept. A19N, spent the holiday week end in Charlotte, N. C., . . . Anna Mae Wagner is vacationing with her sister in Gary, Ind.

H. J. Ratjen, Dept. B12A, spent in Oak Ridge . . . We extend get well wishes to June Messer who is ill in St. Mary's Hospital in Knox-

Dept. A13S extends congratulations to Arthur Phillips and his wife, who are the proud parents of a baby girl, Brenda Kay, weighing six pounds and eight ounces, born

Joe Hackney, Dept. A13D, is back on the job after vacationing in Nashville.

Janet Googin, Dept. A12D, and her husband, Johnny, Dept. H12D, spent the holiday week end in Atlanta, Ga. . Louise Worthington Vacationers in Dept. A17N are is spending a restful vacation at

### Junior Choir Lists Children Of Y-12 Men

Present and former Y-12 employees are among the parents of a group of silver-voiced singers in the training union junior chior of the First Baptist Church of Oak Ridge that took part in the Tennessee Training Union Convention Hymn Festival in Nashville last Friday July 1.

The Y-12 employees whose children are choir members are Dean Reed, a radiation inspector in Dept. A13D, step-father of Larry Whittmer, a soprano; and Perry Eakes, mer, a soprano; and Perry Eakes, heavy equipment repairman in Dept. A12T, father of Elizabeth Eakes, also in the soprano section. The former Y-12ers who are parents of choir members and their youngsters include Sam Soard, Margaret; J. Tom Harvey, Arvery; and J. M. Henry, Carole and J. M. Henry, Carole.

The leader and sponsor of the choir is Mrs. Roy McKnight, who before her marriage was Miss Frances Rogers, a former Y-12 employee. Mrs. John Shuey, also a former Y12er, is director.

The Oak Ridge First Baptist Church junior choir won the honor of being invited to the Nashville festival by winning a superior rating at similar conventions for the Clinton Baptist Association Training Union and Regional Train ing Union for Eastern Tennessee. In Nashville the choir competed with choirs selected from throughout the state. More than 1,000 singers were listed in the various choirs participating.

#### ATOMIC COUNCILS URGED

In recent addresses in Omaha, In recent addresses in Omaha, Neb., George L. Glasheen, of the Atomic Energy Commission educational services, and John Lund, of the Federal Office of Education, urged that every American community have its own atomic energy eleming council. They urged Parplanning council. They urged Parent-Teacher Associations, veterans' groups, churches and schools to set up such councils.

Graham Rudolph, Dept. A12P, and her husband, O. B., Dept. H12L, are really going to travel during their vacation. They started from Oak Ridge over the week end to Parama City. Fig. them to Mobile Oak Ridge over the week end to Panama City, Fla., then to Mobile, Ala. From Mobile they will travel to Biloxi, Miss., then to New Orleans La., where they will visit relatives, then to Paducah, Ky., to visit Mr. Rudolph's mother, spending the remaining of their time in ing the remaining of their time in Franklin, Tenn., with Graham's parents. Helen Burkhalter is back on the job after a restful vacation at her home in Oak Ridge . . . . Seems as how Ruth Law sadly misses some valuable sun glasses she es some valuable sun glasses she es some valuable sur glasses she mislaid while playing softball re-cently . . . She vows she needs them to see the sizzling pitches of Helen Brown and Margaret O'Neal in the girls' games. Seriously, if anybody has found the lost glasses Ruth would greatly appreciate their return.

#### **SPORTS** NEWS

# First Half Title In Softie Loop May Rest On Final Engagements

With the Rippers and All Americans in a virtual tie for first place in the Y-12 plant softball league as of last Thursday all indications point to the first half of the season championship resting on the final games of the season and playing of previously rained out games. Browsing along within reach of the top spot in the loop if either of the

first two teams falter are the Bums, while the Isotopes and Bldg. 9212 outfits also have a chance for the honors.

#### **Hottest Race In History**

The plant league race has developed into probably the hottest competition in any league action of any kind staged under direction of the Y-12 Recreation Office. The league play this year has attracted great interest from the players and fans alike because of the closeness of the race and the even calibre of

most of the teams.

The schedule of games for the remainder of the first half of the season follow:

Wednesday, July 6 5:45 p.m., Y-12 women's squad game. 7:15 p.m., Rippers vs Bldg. 9212. 8:45 p.m., Hit Balls vs All

Friday, July 6 (Postponed Games)

(Postponed Games)
7:15 p.m., Rippers vs Bums. 8:45
p.m., All Stars vs All Americans.
The second half of the season
will begin Monday night, July 11,
with the following schedule:
5:45 p.m., All Stars vs Isotopes.
7:15 p.m., Rippers vs Hit Balls.
8:45 p.m., Bums vs All Americans.
In the four games played since
June 24 through last Wednesday
night, some interesting clashes were

night, some interesting clashes were recorded. The All Americans picked up a pair of victories over this period while the Rippers were not credited with a game played during the period. Walton, of the Bums, turned in the best pitched tilt of the time with a four-hitter against the one run. Where large run totals were the rule earlier in the season, the Bldg. 9212 outfit tallied the largest number of counters with an largest number of the season, the largest number of the season, largest number of counters with an largest number of the season, the season of t Hit Balls, holding the opposition to even dozen in trimming the All take the men's singles crown in a Stars, 12 to 5. The Bldg. 9212ers also turned in the only errorless

The second half of the women's game of the period.

Women Have Lots Of Fun

The Y-12 women softballers also had a big time last Wednesday night in a scrimmage against the Veterans of Foreign Wars Aux-iliary team. The Y-12ers drafted Billy Sise, Oak Ridge marble champ and son of Ed Sise, to pitch for them and after the dust had cleared away it was found that each side had 13, more or less, runs. Everybody had a lot of fun.

Scores of games played between June 24 and last Thursday with league standing at that time fol-

lows:										
								n	**	E
Team								K	н	777
Bums	0	0	1	0	1	1	2	5	10	2
All Ams.	4	0	1	2	0	0	X	7	6	1
Batteries :	Run	ns		Wa	Ite	on	an	d I	Iale.	Ail
Americans,	Rose		ne	B	on	tn	an.			
									-	
All Stars	1	0	2	1	0	1	0		9	1
Rldg 9212	3	2	0	3	4	0	x	12	6	0
Batteries :	A11	S	ta	rs.	F	lig	gin	s. '	<b>Filso</b>	n(6)
and Marrow	Ble	lor	0	219	6	Mi	ısti	n a	nd V	Vall-
	Lone									15.5
ace.					_		-		-	_

V.F.W. Wmn 0 0 6 3 4 x x 13 Y-12 Wmn 3 6 4 0 0 x x 13

LEAGUE STANDINGS W L Team Bldg. 9212 Hit Balls All Stars Rippers All Americans Bums

SOMETHING FOR MILADY

Cleansing tissue rolled up in the shape and size of a cigarette with the rolls packed in a container similar to a pack of cigarettes is represented in a process recently approval by the United States Patent Office. Milady reaches into her handbag, removes a tiny roll, tears off an adhesive tab, shakes out a tissue and wipes her glasses.

In the footprints on the sands of time, some people leave only the marks of a heel.

# Gilliam Wins City Net Title;



Joan Gilliam

Joan Gilliam, one of the leading stars of the Y-12 women's tennis team that won first half honors in he Oak Ridge City League, won the Oak Ridge singles title in the recent city-wide tournament. She

The second half of the women's loop season will begin Tuesday, July 5, with the Y-12 lassies meeting the Oak Ridge National Laboratory racqueteers at 5:30 o'clock on the Townsite courts.

Let the other fellow talk a little once in a while. You can't learn much by listening to yourself all the time.



Y-12 Photos By Vince N

REAL CHAMPIONS OF THE COURTS IS THE Y-12 WOMEN'S TENNIS TEAM SHOWN above. They won the first half of the Oak Ridge League play in easy fashion and unless a complete reversal of form hits them they should take the season's title. Left to right are Mary Freestone, Virginia Spivey, Mozelle Rankin, Elizabeth Patrick, Helen Burkhalter, Jean Gilliam, Lovelle Thompson and

# **Until Second Half**

THE Y-12 BULLETIN

While the other members of the Oak Ridge Baseball League are playing rained out and postponed games in order to determine the final standing in the first half of the season, the Y-12 Cardinals will take it easy this week in preparation for the second half of the

Although their record for the first half of the season was not impressive, Manager Bill Burns is expecting his team to give all comers a battle in the second half. Boss Bill has promised the fans some interesting baseball and Y-12ers who are diamond enthusiasts to turn out and root for their diamond performers.

The Cards wound up their first half schedule last Friday night against the Veterans of Foreign Wars nine. In a clash against the Community Stores June 24, the Cards were held to seven bingles by O'Kain and dropped a 10 to 3 decision. The line score of that game follows:

000 002 010 3 Y-12 Cm. Stres 1 0 0 2 5 2 0 0 x 10 10 Bitteries: Y-12, Coffey, Johnson (5) and Dodson. Community Stores, O'Kain and Little.

#### OVERWEIGHT DANGEROUS

Overweight, especially after 30, adds to the burden of the heart, kidneys and other organs and so decreased a person's chances health and a long life.

# Cardinals Mark Time | Plant Golf Meet Starts Saturday; Old Rivalries May Be Settled

A lot of old golf rivalries in Y-12 may be settled in the annual plant-wide tournament scheduled to be held Saturday and Sunday. July 9 and 10, and Saturday, July 16 over the Oak Ridge Golf and Country Club course. Every divot-digger in the plant is expected to enter the tournament, including all members of the three leagues and some players who have not partial. some players who have not partici-

pated in league play. During the league play many golfers in one loop did not have an opportunity to play members of other leagues and this has built up a lot of claims and counter claims that can only be settled on the field of battle. All Y-12 male employees are eligible to play in the tourna-

#### \$1 Entry Fee Required

The plant league golfers did not have to qualify in the tournament as their flight positions will be determined by league averages. Players who did not play in loop contests played qualifying rounds over the past week end and were the how towns the content of t to have turned in cards to Recreation Supervisor Arnold Tiller by Tuesday, July 5. Each entry must be accompanied by a \$1 entry fee, which will be used to buy prizes for winners.

Prizes will be awarded to the winner and runner-up in the cham-pionship flight and winners of all other flights. A trophy also will be awarded the golfer posting the lowest 18-hole score during tournament play. Tournament contests will be in match play for 18 holes with first round matches to be played Saturday, second round on Sunday and finals may be played any time during the week beginning July 11 but not later than Saturday, July 16.

#### Trying To Catch Up

Meanwhile, the league golfers Meanwhile, the league gollers were endeavoring to catch up on delayed matches before the tournament started. The Birdie League first half of the season championship went to the Olson-Nessle team which defeated the Tiller-Crimes combination two up in a Grimes combination two up in a playoff after each team had fin-ished with records of six matches won and one lost.

In the Par League Keese-Mitchel topped the loop with six and one, closely followed by Caldwell-Stetson with five-one. Tibbatts and Wanamaker lead the Bogey League with four-two. Ludwig-Cotton have a three-two record and three teams, Strohecker-Crouse, Orrison-Mac-Kay and Koontz-Lister are tied with two-two.

#### FAIR WARNING?

A recent news dispatch from Brive, France, reported a 24-year old man broke his leg after jumping from a second-story window while sleep-walking. He told police he had a nightmare over his approaching marriage.

At the end of the fifth round, the heavyweight staggered to his condition. His manager approached him and whispered in his ear: "Say, Slugger, I've got a swell idea. Next time be hits you, hit him back."

# Y-12ers Must Register To Vote In Futuro

Employees of Y-12 are reminded that it is necessary for them and members of their families to enroll on the permanent registration list of Anderson County voters to ticipate in any coming elections. The permanent registration of Oak Ridge voters will be held on July 5, 6, 7, 8 and 9.

#### Will Register At Schools

Oak Ridge voters will register at the Glenwood Elm Grove Valley, Highland View, Linden and Fairview grade schools and also at the Jefferson Junior High School and the Oak Ridge High School. Voters may register from 8 a.m.

The law requires all persons more than 21 years old to register if they wish to vote in any election. The new registration law requires registration in the civil district and precinct in which the voter casts his ballot and the voter must pear in person to register. No poll tax receipt is needed to register.

#### Registration Is Permanent

Voters who register during the prescribed period will be permanently registered on the Anderson County rolls unless they move from the civil district or precinct in the civil district or precinct in the civil district or precinct in the care of the county rolls and the county rolls are consistent or precinct in the care of the county rolls are consistent or precinct in the care of the county rolls are consistent or con which they are registered or change their name. In such cases new registration is required.

Registration may be forfeited and voters disqualified if they neglect to vote in any general election within a period of four years.

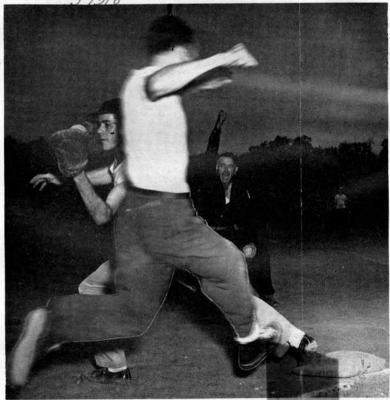
# Champ Y-12 Softies To Play Wildcat's Den Friday Night

With the Y-12 team in the Oak Ridge Recreation Softball League champions of the first half of the season by a large margin, the second half of the season will get underway Friday night, July 8, at Pinewood Park.

The Y-12ers will play the Wildof a triple-header on that date. The game will begin at 9 p.m. The National Guard and Eagles will open the program at 6 p.m., followed by the T. and C. and Moose at 7:30 p.m.

#### TYPEWRITER "WALKS" -

A "walking typewriter" that prints on any size paper has been patented, it is reported by the National Patent Council. It types the table helding it rether them. corner in a dazed and battered on the table holding it rather than on the conventional platen. Supported on spherical rollers, the machine moves over the stationary paper or other flat surface on which the imprint is desired.



Y-12 Photos By Vince Moore

"YER OUT!" YELLS UMP MACK GREEN AS A BIT OF ACtion is caught by the photographer during a recent Y-12 plant league softball game between the Rippers and All Americans. Hotfooting it for first base is Bill Cottrell, of the All Americans. Making the stretch and catch is First Baseman J. H. Shoemaker, of the Rippers.

CARBIDE AND CARBON CHEMICALS CORPORATION P. O. Box P. Y-12 Area Oak Ridge, Tenn. (RETURN POSTAGE GUARANTEED)

Sec. 562, P.L.&R. U.S. Postage PAID Oak Ridge, Tenn. Permit No. 3

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DR. C. P. KEIM, SUPERINTENDENT OF THE ISOTOPE DEVELOPMENT DEPARTMENT IN Y-12, and two other Y-12ers were among the new officers installed Monday night, June 27, by the Oak Ridge Lions Club. The new officers are shown above. Front row, from left, are H. W. Savage, of Y-12, treasurer; J. G. LeSiuer, Jr., third vice president; Walter Mills, first vice president; Dr. Keim, Riley Barrett, second vice president; L. Z. Dolan, director. Back row, from left, are W. L. Harwell, past president; G. A. Jamieson, director; A. J. Preslar, of Y-12, lion tamer; Jack Rogers, tail twister; H. E. Buckminster, secretary; and Dr. Dana Nance, director.

# Science Magazine Says All Scientists Seeking U.S. Jobs May Need Clearance

Any scientist considering a March 21, 1947, order of the Presiposition with the United States dent. This order requires all persons government or with an industrial employed by, or seeking employ-laboratory or university that has ment of, the government be subfinancial support from the government may need loyalty or security clearance from the appropriate agency, it is pointed out in the June 24 issue of Science magazine. If "classified" work is anticipated, security clearance certainly will be needed and the scientist works for the government directly on any the government directly on any kind of Job, loyalty clearance is required.

Even if only unclassified work is expected, either in industry or at a laboratory or university, some kind of clearance still may be required.

**Confusion Over Distinction** 

over the distinction between loyalty ries and universities have requested and security clearance for government jobs. According to current regardless of the nature of their usage of the term, loyalty clearance refers to the requirements placed security program may be felt by

ment of, the government be sub-jected to a loyalty investigation. No distinction is made between those in classified or unclassified

On the other hand, security clearance refers to special require-ments of certain "sensitive security areas" and applied to persons who work with classified or restricted information. Factors considered in passing on security cases in-clude questions of loyalty, per-sonal reliability, emotional stability and other pertinent facts.

Some Require All Cleared

Although most government security clearance procedures apply The magazine also points out to persons having access to classithat there is considerable confusion fied information, some laboratosecurity clearance of all employees, or, all the more than 2,000,000 a relatively large group of sciengovernment employees by the tists.



Among the numerous government departments and agencies complying with the loyalty clear-ance procedure are the Depart-ments of Commerce, Interior, Agriculture, Navy, Army and Air Force, Federal Security Agency, Federal Communications Commission, Civil Aeronautics Administration, Wea-Aeronautics Administration, Weather Bureau, Bureau of Standards and others, all of particular interest of scientists. The loyalty procedures and requirements are the same in all these departments, although the work of personnel involved varies considerably.

#### FBI Check Is Described

Science magazine points out the machinery used in obtaining clearance through the Federal Bureau of Investigation making checks on all available records of the person investigated and then reporting to the agency in which the person is employed or seeking employment.

The magazine also points out that civilian employees of the Army and Navy are required to pass loyalty tests and in some instances where access to classified matter is had, to have security clearance as well.

In conclusion, the magazine declares that the procedural safeguards, rights and privileges of scientists who may be involved in clearance problems is of great interest to them and the article inudes tables and detailed descri tions of the various methods procedures.

#### Population Density Of U. S. Growing

Records of the Metropolitan Life Insurance Co. show that the density of the population in the United States has increased nearly 90 per cent since the beginning of the century. In 1900 there were 25.6 persons per square mile of land area. By the time of the 1940 census there were 44.2 persons per square mile and by the middle of 1947 there were 48.2 per square mile.



Y-12 Photos By Vince Moore

THIS PICTURE SHOWS FOUR GENERATIONS IN family admiring what P. C. Dabbs, kneeling right, of the Y-12 a family admiring what P. C. Dabbs, kneeling right, of the Y-12 Guard Department, vows are the first ripe tomatoes of the 1949 home grown crops in Oak Ridge. The pretty "little tomato" appearing rather bored at the whole precedings is Ann Dee Hentz, two and one-half year old granddaughter of Dabbs. Directly behind her is Mrs. Barbara Hentz, Dabbs' daughter, and at her right is Mrs. Eva Dabbs, wife of the Y-12 man. At extreme left is David L. Banks, father of Mrs. Dabbs, completing the four generation cycle. Robert Hentz, Dabbs' son-in-law, is preparing to take a doctor's degree in chemistry at the University of Notre Dame in August. He is a former soldier who was stationed in Y-12 during war days, where he met his wife, who also is a former Y-12 employee. Dabbs' fine tomato crop is growing in his garden at 320 West Outer Drive.